

PRODUCT DATASHEET
RO-Foil FB *Pan*
Description

TPO-FPO Membrane (polyolefin) is produced for use on sandwich panels. Dimensions are suitable for combining panels during the production.

Also widely used on wooden roofs and areas.

- UV Resistance
- 80-100gr PP/PES Geotextile bonded
- Signal Layer
- Resistance to micro-organism and roots

TECHNICAL FEATURES

Features	EN	U.M.	Tolerance	Values			
Thickness	EN 1849-2	mm	(-5/+5%)	1,2	1,5	1,8	2,0
Density	EN 1849-2	kg/m ²	(-5/+10%)	1,1	1,37	1,7	1,85
SRI - Solar Reflectance Index	E1980	%		102			
Tensile Strength L/T	12311-2	N/5cm		16/15			
Elongation at break L/T	12311-2	%		700/700			
Cold Flexibility	EN 495-5	°C		<-40*			
Resistance to Static Loading	12730/B	kg		≥25			
Resistance to Impact	12691/B	mm		≥1800			
Tear Resistance L/T	12310	N		450/400	650/600	800/750	900/850
Hail Resistance	13583	m/s		≥30			
Water Vapour Permeability	1931	μ		90.000			
Tensile Strength (joint)	12317-2	N/cm		Compliant			
Peeling (joint)	12316-2	N/cm		≥58			
UV Resistant	1297-5000h			No Damage			
Resistance to Fire	13501-1			Class F			
Resistance to External Fire	13501-5			Broof(t1), Broof(t2), Broof(t3)			
Resistance to Alg/Microorganism	ISO 846 L2			Compliant			
Root Resistance	EN 13948			Compliant			
Wind Load Resistance	Pa			≥5000			

PRODUCTION STANDARTS

Thickness	mm	1,2	1,5	1,8	2,0
Width	m	1,10	1,10	1,10	1,10
Length	m	400,0	400,0	300,0	300,0
Colour		Grey / Black			

(*) Different thicknesses and lengths are available on demand and for minimum quantities.

ROBUST Membranes are produced by IMPER ITALIA SRL for KOZ INDUSTRY and CONSTRUCTION Company.

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